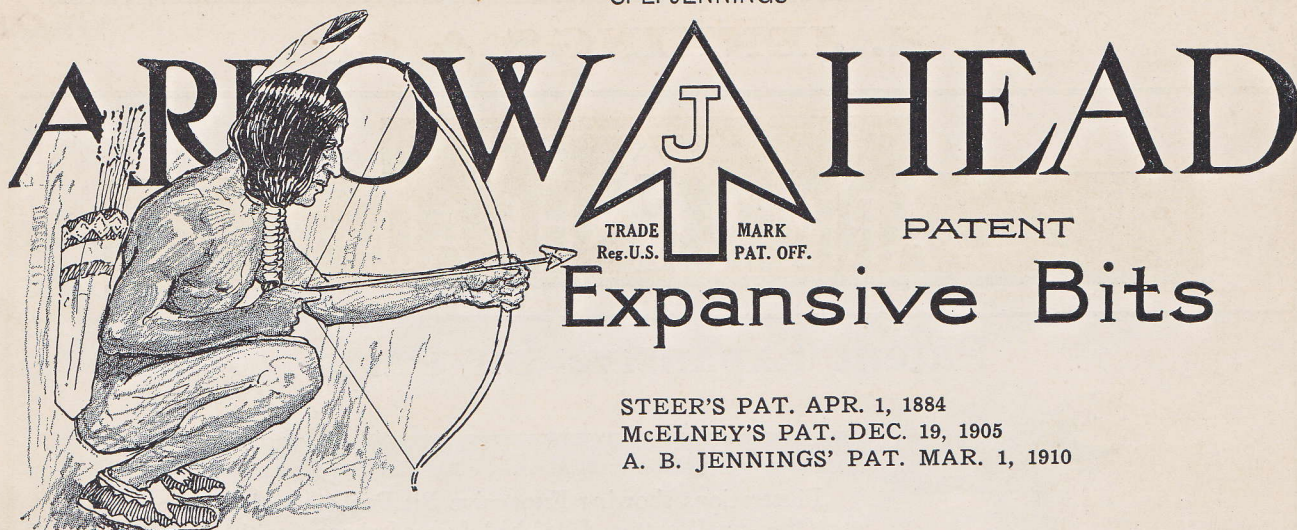
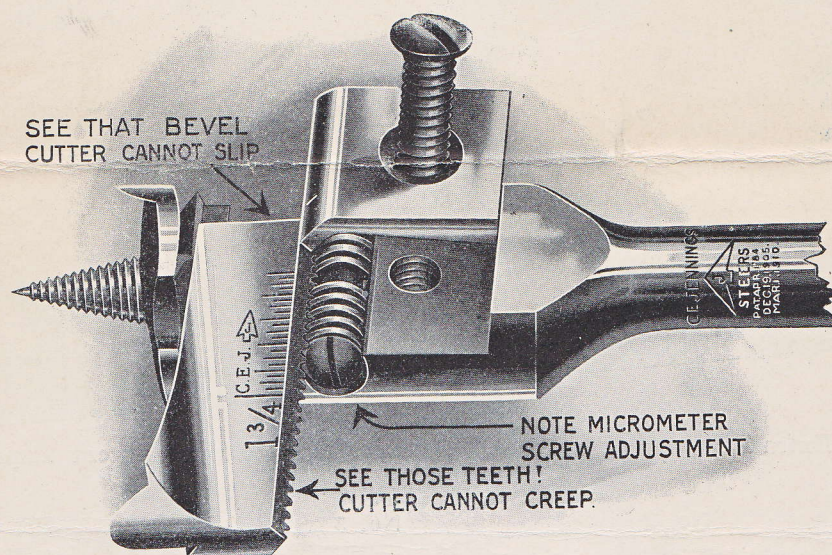


C. E. JENNINGS'



ARE USEFUL IN EVERY HOME; ON THE FARM OR RANCH; IN EVERY SHOP OR GARAGE; TO CARPENTERS, PLUMBERS, GAS FITTERS, ELECTRICIANS AND LOCKSMITHS; OR WHEREVER LARGE HOLES ARE TO BE BORED AS IN DOORS FOR NIGHT LATCHES; IN FLOORS FOR PIPING; IN BARRELS FOR SPIGOTS, ETC.

THE LARGE BIT TAKES THE PLACE OF 35 AUGER BITS COSTING \$25.00



CUTTERS CANNOT SLIP OR CREEP!

THE MICROMETER SCREW WILL ADJUST CUTTER TO 1-1000 IN. SO THAT THE CLOSEST FIT MAY BE OBTAINED.

ONE-FOURTH TURN WILL SET THE CUTTER 1-64 IN.; 1-2 TURN 1-32 IN.; 1 TURN 1-16 IN., ETC., INCREASING THE SIZE OF THE HOLE RESPECTIVELY 1-32, 1-16 AND 1-8 IN.

WHEN ONCE SET YOU CAN BORE ANY NUMBER OF HOLES AND EACH HOLE WILL BE THE SAME SIZE.

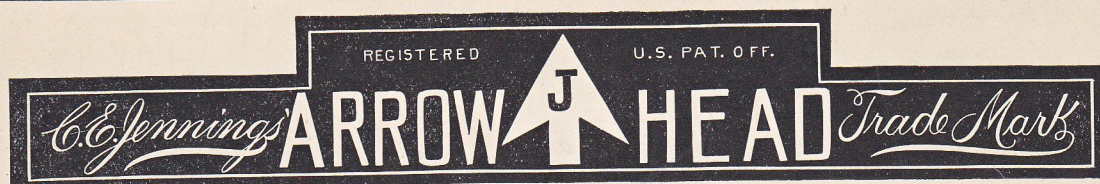
EACH BIT IS PACKED IN WATERPROOF CANVAS CASE WITH INSIDE POCKET FOR EXTRA CUTTER TO PREVENT IT BEING LOST.

No. 1 Bit With 2 Cutters, Cutting from 7-8 to 3 in. Per doz., \$26.00

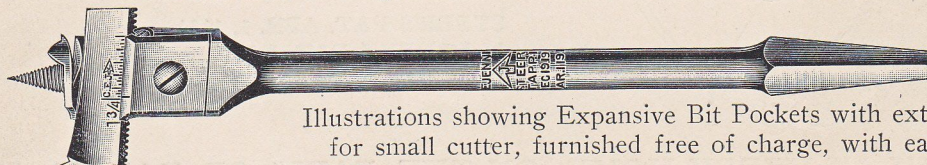
No. 2 Bit With 2 Cutters, Cutting from 5-8 to 2 in. Per doz., \$22.00

WEIGHTS AND MEASUREMENTS

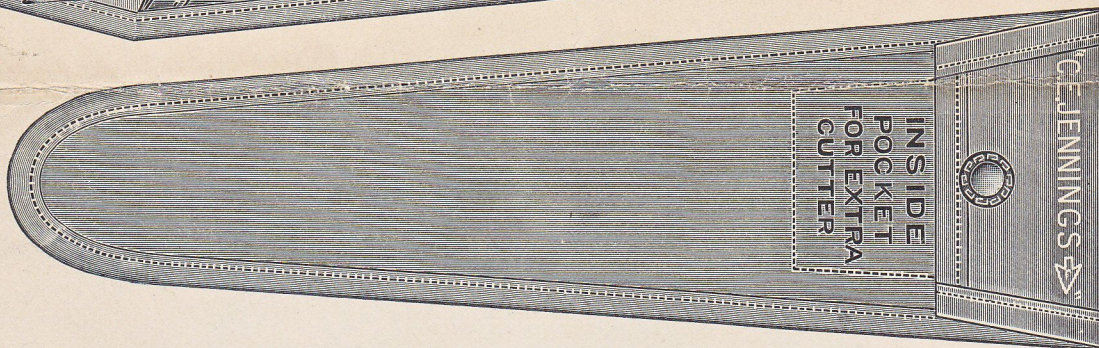
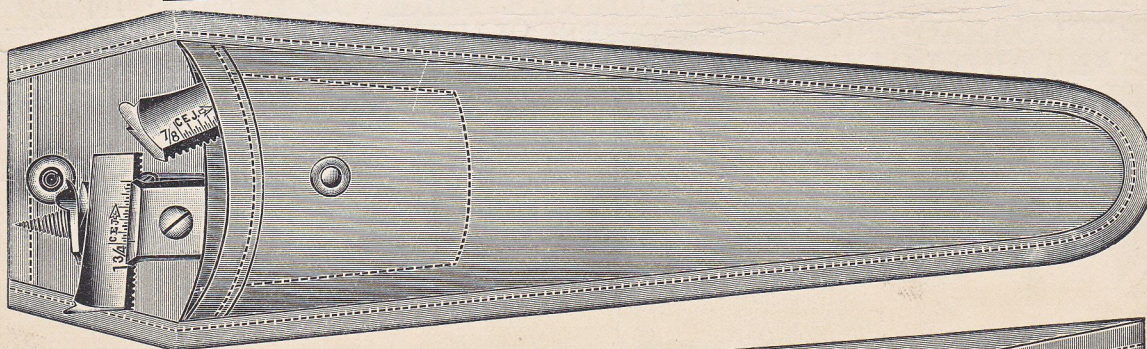
Single Bits Packed 1 in a Canvas Case	1/2 Dozen in a Carton	Full Cases of 5 Dozen		Measurement
		Gross Weight	Net Weight	
No. 1—Length 9½ in., Weight 10 oz.	33-4 lbs.	53 lbs.	39 lbs.	20 x12x10 in.
No. 2—Length 8½ in., Weight 6 oz.	23-16 lbs.	32 lbs.	23 lbs.	16½x11x 8 in.



Patent Expansive Bit Parts



Illustrations showing Expansive Bit Pockets with extra pocket for small cutter, furnished free of charge, with each Bit.



Price List of Extra Parts for C. E. Jennings' Arrow Head Steers' Patent Expansive Bits.

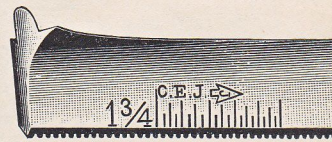
Cutters

No. 1

No. 2

No. 3

No. 4



Size, $\frac{5}{8}$ to $1\frac{1}{8}$ \$3.00 per Doz.

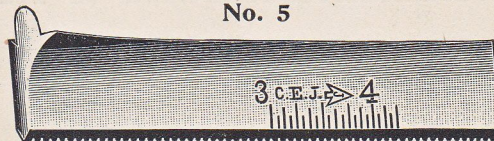
Size, $1\frac{1}{8}$ to 2 \$3.75 per Doz.

Size, $\frac{7}{8}$ to $1\frac{3}{4}$ \$5.25 per Doz.

Size, $1\frac{3}{4}$ to 3 in. \$6.00 per Doz.

Extra Cutters are
Packed $\frac{1}{2}$ Dozen
in a Paper Box

No. 5



Size, 3 to 4 in. \$12.00 per Doz.

Steers' Patent April 1, '84
Jennings-McElney Patent
Dec. 19, '05
and A. B. Jennings Patent
March 1, 1910

Center Screws

No. 1 Large \$0.85 per Doz.

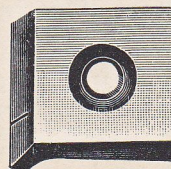
No. 2 Small \$0.75 per Doz.



Caps

No. 1 Large \$1.80 per Doz.

No. 2 Small \$1.44 per Doz.

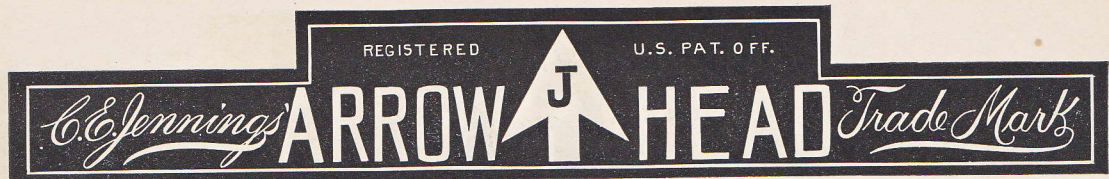


Cap Screws

No. 1 Large \$0.70 per Doz.

No. 2 Small \$0.60 per Doz.





Single Twist Auger Bits

No. 1 1-2

Bright Finish. Beautifully Polished and of Superb Workmanship

Single Thread Screw Point

We consider our No. 1½ the Best Auger Bit made in the world. The twist is patterned after that of our L'Homedieu Ship Auger. This bit has one spur and one lip, which reduces the friction to a minimum. It has a single thread screw point and the speed has been carefully studied so as to obtain the very best results possible, in all kinds of wood.

It will bore equally well in hard or soft wood.

The pitch of the lip matches up with the threads of the screw points, so that the bit will lead easily into the wood.

It will also bore with the grain or against the grain. Every bit is tested in hard wood before leaving the factory.

We recommend our No. 1½ Bits to the mechanic who can afford only one set of Bits. These bits are accurately sized, and carefully tempered.

Full size
illustration of
No. 1½ Bit 16/16

Price List of Individual Size

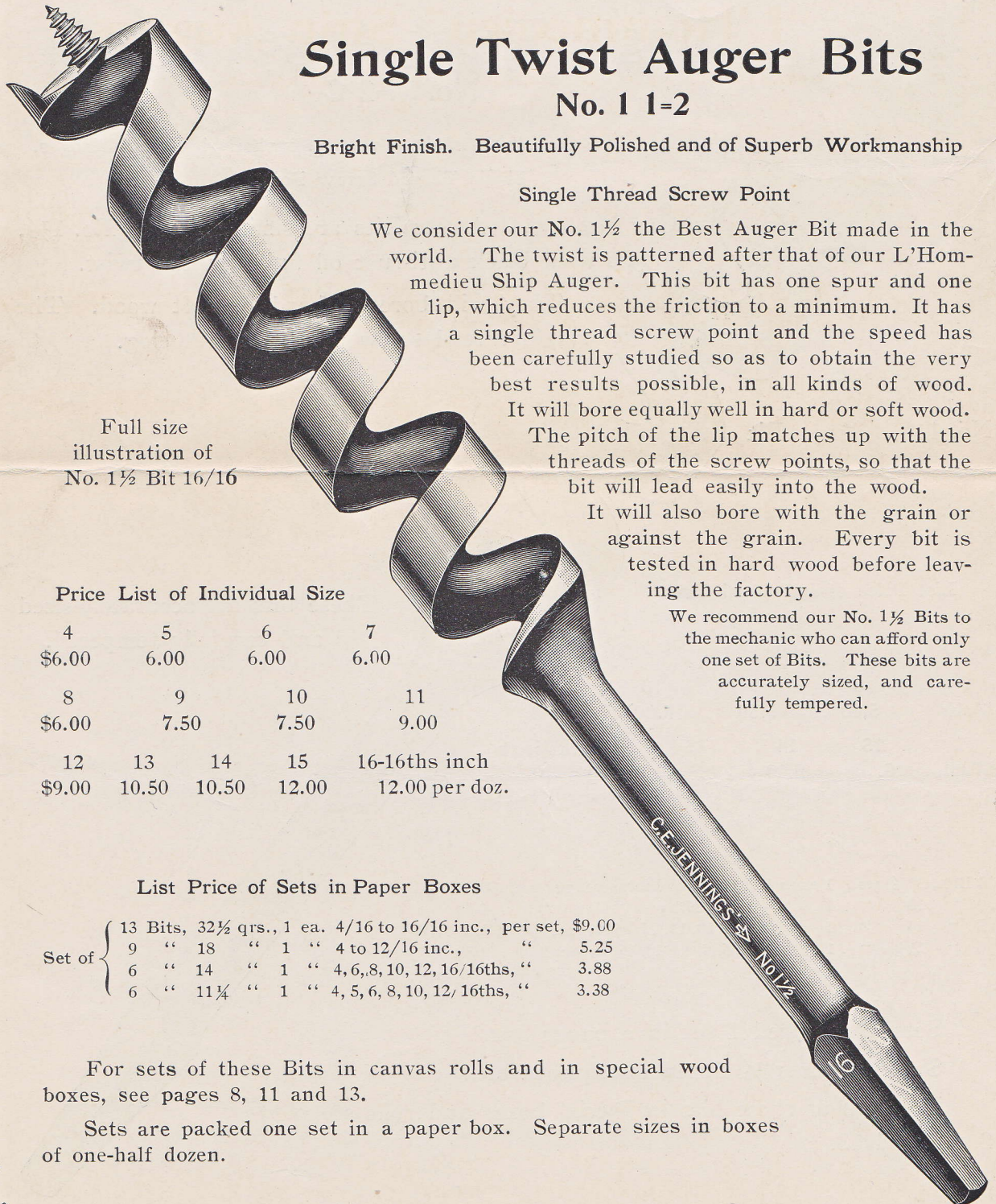
4	5	6	7	
\$6.00	6.00	6.00	6.00	
8	9	10	11	
\$6.00	7.50	7.50	9.00	
12	13	14	15	16-16ths inch
\$9.00	10.50	10.50	12.00	12.00 per doz.

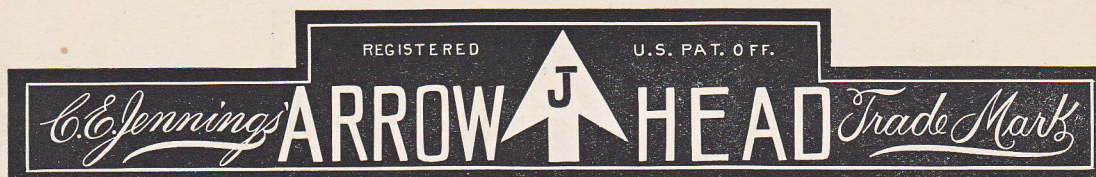
List Price of Sets in Paper Boxes

Set of	13 Bits, 32½ qrs., 1 ea. 4/16 to 16/16 inc., per set,	\$9.00
	9 " 18 " 1 " 4 to 12/16 inc., "	5.25
	6 " 14 " 1 " 4, 6, 8, 10, 12, 16/16ths, "	3.88
	6 " 11¼ " 1 " 4, 5, 6, 8, 10, 12, 16ths, "	3.38

For sets of these Bits in canvas rolls and in special wood boxes, see pages 8, 11 and 13.

Sets are packed one set in a paper box. Separate sizes in boxes of one-half dozen.





Single Twist Auger Bits

No. 1 1/2 C

Anti-Rust Black Oil Finish in the Twist. Polished Shanks and Edges.
Single Thread Screw Point.

Our No. 1 1/2 C Auger Bits are similar to our No. 1 1/2, but with black anti-rust oil finish in the twist.

They will bore in hard or soft wood. The single thread screw point will not clog.

Full sized
illustration of
No. 1 1/2 C Auger Bit
16/16

List Price of Individual Sizes

4	5	6		
\$4.00	4.00	4.00		
7	8	9	10	11
\$4.50	5.00	5.50	6.00	7.00
12	13	14	15	16/16ths inch
\$7.00	8.00	8.00	9.00	9.00 per dozen

These bits are accurately sized and carefully tempered.

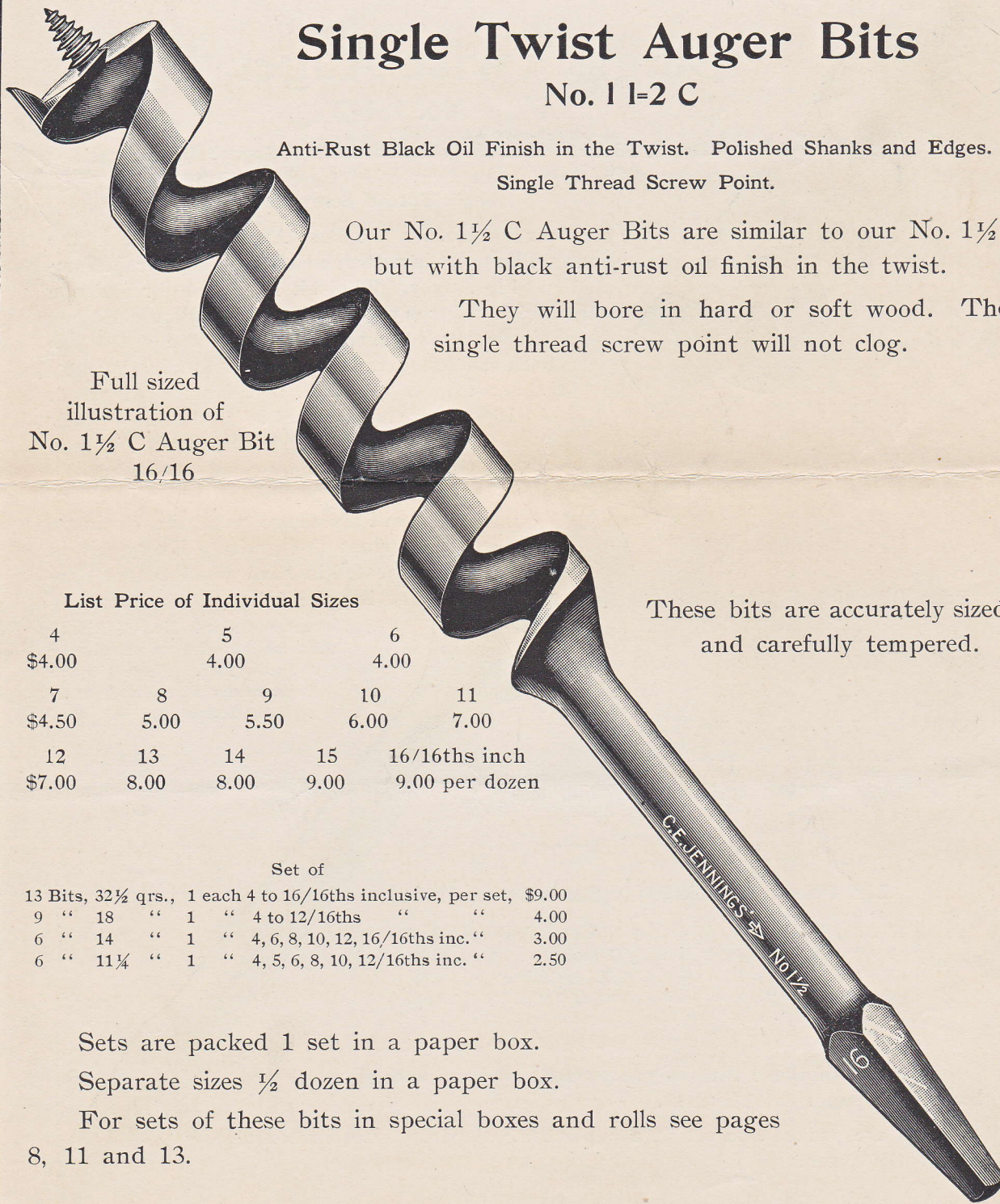
Set of

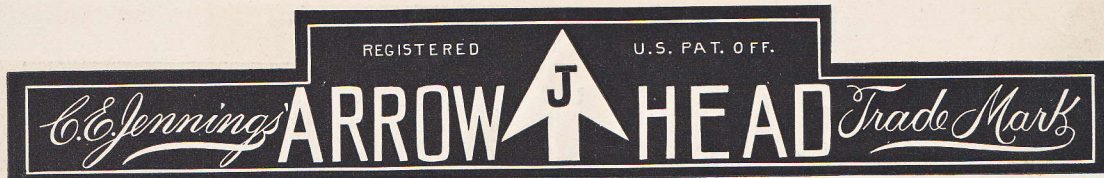
13 Bits, 32 1/2 qrs.,	1 each 4 to 16/16ths inclusive,	per set,	\$9.00
9 " 18 "	1 " 4 to 12/16ths "	" "	4.00
6 " 14 "	1 " 4, 6, 8, 10, 12, 16/16ths inc."		3.00
6 " 11 1/4 "	1 " 4, 5, 6, 8, 10, 12/16ths inc."		2.50

Sets are packed 1 set in a paper box.

Separate sizes 1/2 dozen in a paper box.

For sets of these bits in special boxes and rolls see pages 8, 11 and 13.





"L'Hommedieu" Ship Augers



L'Hommedieu Ship Augers and Bits have been on the market since 1818 and are made only at the L'Hommedieu and Tracy Tool Works. We are the successors of the *original* ship auger makers in America. Our ship augers are made by skilled mechanics, are accurately sized, and uniformly tempered. They have stood the test of nearly a century. Insist on having the genuine C. E. JENNINGS' L'HOMMEDIEU SHIP AUGERS, branded with our registered ARROW  HEAD trade mark, and our full name on the shank. Thus: "L'Hommedieu—E. H. Tracy—C. E. Jennings  They are especially adapted for Bridge, Dock, Ship and Car Building, and for boring hard wood.



Illustration of L'Hommedieu Ship Auger, with Screws No. 13



Illustration of L'Hommedieu Ship Auger, without Screws No. 12

Note—In ordering always state whether ship augers, with or without screws. Sizes above 1 6/8 made to order only.

L'Hommedieu Ship Augers, without screws, will bore a very straight hole. The speed of this auger is regulated entirely by the pitch of the lip. The head instead of being round is elliptical in shape. The back of the head bears upon the side of the hole when boring. The friction thus caused helps to draw the auger in. In using a no screw auger, a hole or dent must be made in order to start the auger. Making such a hole is called "spotting."

List of Ship Augers With or Without Screws

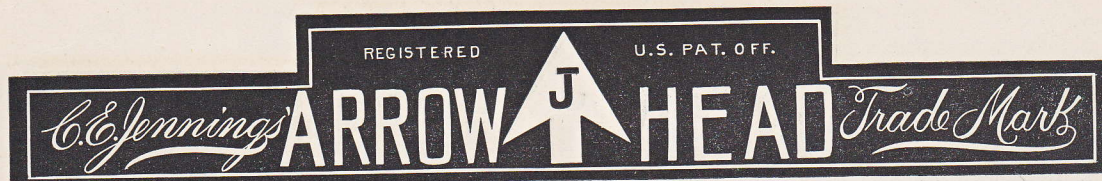
Sizes 4-8 inch and under...	per dozen, \$	7.50	Sizes 16 1/2 and 17-8 inch...	per dozen, \$	57.00
" 4 1/2 and 5-8 inch....	"	9.00	" 17 1/2 " 18-8 "	"	72.00
" 5 1/2 " 6-8 "	"	10.50	" 18 1/2 " 19-8 "	"	86.00
" 6 1/2 " 7-8 "	"	12.00	" 19 1/2 " 20-8 "	"	101.00
" 7 1/2 " 8-8 "	"	13.50	" 20 1/2 " 21-8 "	"	115.00
" 8 1/2 " 9-8 "	"	15.00	" 21 1/2 " 22-8 "	"	130.00
" 9 1/2 " 10-8 "	"	16.50	" 22 1/2 " 23-8 "	"	144.00
" 10 1/2 " 11-8 "	"	18.00	" 23 1/2 " 24-8 "	"	158.00
" 11 1/2 " 12-8 "	"	21.00	" 25 1/2 " 26-8 "	"	187.00
" 12 1/2 " 13-8 "	"	24.00	" 27 1/2 " 28-8 "	"	216.00
" 13 1/2 " 14-8 "	"	27.50	" 29 1/2 " 30-8 "	"	245.00
" 14 1/2 " 15-8 "	"	31.50	" 31 1/2 " 32-8 "	"	274.00
" 15 1/2 " 16-8 "	"	38.00	" 35 1/2 " 36-8 "	"	330.00

Length of Twist of Ship Augers

2 and 2 1/2-8 measure about 8 inches.	7 1/2 measure about 12 1/2 inches.
3/8 " " 9 1/2 "	8-8 1/2-9 " " 13 "
3 1/2 " " 10 "	9 1/2 " " 13 1/2 "
4 " 4 1/2 " " 11 "	10-10 1/2-11-11 1/2-12 " " 14 "
5 " " 11 1/2 "	12 1/2 and over measure from 15 1/2 to 16 "
5 1/2-6 6 1/2-7 " " 12 "	

Shanks measure from 4 to 6 inches in length.

Packed in boxes of one-half dozen up to 12-8 inch inclusive. Larger sizes one-quarter dozen in package.



L'Hommedieu Ship Auger Bits

With Screws, No. 13 1-2

These Bits are especially adapted for hard wood boring.



2-8 to 4-8	4½ and 5	5½ and 6	6½ and 7	7½ and 8	8½ and 9	9½ and 10-8ths inch.
\$6.00	7.50	9.00	10.50	12.00	13.50	15.00 per dozen.

Average length of Twist, 4½ inches.

In Sets of 13 Bits, 32½ quarters, one each, from 2 to 8-8ths inch, in Handsome Box (our No. 450 Box).....per set, \$9.00

Solid sizes under 4½-8 are packed 1 dozen in a box. 4½-8 and over ½ dozen in a box

L'Hommedieu Ship Auger Bits

Without Screws, No. 12 1-2

Same list as L'Hommedieu Ship Bits with screws made only to order.

L'Hommedieu Ship Auger Car Bits

With Screws, No. 19

These Car Bits are especially adapted for Electricians and linemen—also for deep holes in the hardest woods. The shank is fitted for use in a Brace.



12-Inch Twist

2	2½	3	3½	4	4½	5	5½	6	6½-8ths inch.
\$8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50 per dozen.
7	7½	8	8½	9	9½	10	10½	11-8ths inch.	
\$13.00	14.00	14.50	15.50	16.00	17.00	17.50	18.50	19.00 per dozen.	
11½	12	12½	13	13½	14	14½	15-8ths inch.		
\$21.50	22.00	25.00	25.50	26.00	26.50	31.50	31.50 per dozen.		

Sets of 13 Bits 32½ quarters, 1 each, from 2-8 to 8-8ths inch.....per set, \$12.00

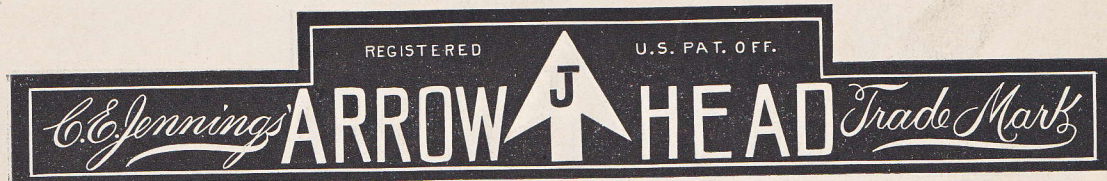
L'Hommedieu Ship Auger Car Bits

Without Screws, No. 18, 12 in. Twist

Same list as L'Hommedieu Ship Auger Car Bits with screws.

Both L'Hommedieu Screw and no Screw Ship Car Bits are packed ½ dozen in a box.

In ordering be sure and specify whether wanted With Screws or Without Screws. Also mention the number.



L'Hommedieu Ship Augers

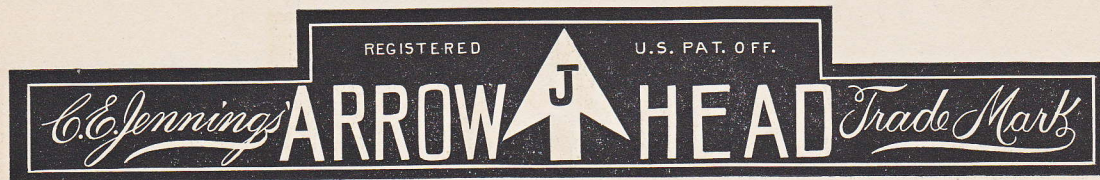
With Extra Length Twist

State in ordering whether wanted with or without screw.

Made only to order

Size in 16ths	Size in 8ths		18 in. twist	20 in. twist	22 in. twist	24 in. twist	30 in. twist	36 in. twist	Each ex- tra 6 in. twist.
8 or 4-8	.....	per dozen,	\$15.00	\$18.00	\$21.00				
9 "	4½	..... "	16.50	19.80	23.10				
10 "	5	..... "	18.00	21.30	24.60	\$27.90			
11 "	5½	..... "	19.50	23.10	26.70	30.30			
12 "	6	..... "	21.00	24.60	28.20	31.80	\$42.60	\$53.40	\$10.80
13 "	6½	..... "	22.80	26.70	30.60	34.50	46.20	57.90	11.70
14 "	7	..... "	24.60	28.50	32.40	36.30	48.00	59.70	11.70
15 "	7½	..... "	26.40	30.60	34.80	39.00	51.60	64.20	12.60
16 "	8	..... "	28.20	32.40	36.60	40.80	53.40	66.00	12.60
17 "	8½	..... "	30.00	34.50	39.00	43.50	57.00	70.50	13.50
18 "	9	..... "	31.80	36.30	40.80	45.30	58.80	72.30	13.50
19 "	9½	..... "	33.60	38.40	43.20	48.00	62.40	76.80	14.40
20 "	10	..... "	35.40	40.20	45.00	49.80	64.20	78.60	14.40
21 "	10½	..... "	37.80	42.90	48.00	53.10	68.40	83.70	15.30
22 "	11	..... "	40.20	45.30	50.40	55.50	70.80	86.10	15.30
23 "	11½	..... "	42.60	48.00	53.40	58.80	75.00	91.20	16.20
24 "	12	..... "	45.00	50.40	55.80	61.20	77.40	93.60	16.20
25 "	12½	..... "	48.00	54.00	60.00	66.00	84.00	102.00	18.00
26 "	13	..... "	51.00	57.00	63.00	69.00	87.00	105.00	18.00
27 "	13½	..... "	54.00	60.60	67.20	73.80	93.60	113.40	19.80
28 "	14	..... "	57.00	63.60	70.20	76.80	96.60	116.40	19.80
29 "	14½	..... "	60.00	67.20	74.40	81.60	103.20	124.80	21.60
30 "	15	..... "	63.00	70.20	77.40	84.60	106.20	127.80	21.60
31 "	15½	..... "	66.00	73.80	81.60	89.40	112.80	136.20	23.40
32 "	16	..... "	69.00	76.80	84.60	92.40	115.80	139.20	23.40
33 "	16½	..... "	84.00	92.40	100.80	109.20	134.40	159.60	25.20
34 "	17	..... "	84.00	92.40	100.80	109.20	134.40	159.60	25.20
35 "	17½	..... "	93.00	102.30	111.60	120.90	148.80	176.70	27.90
36 "	18	..... "	102.00	112.20	122.40	132.60	163.20	193.80	30.60

Add \$9.00 per dozen for each extra 16th of diameter over 36-16ths inch, 18-inch twist. For longer twists add 10% of the 18-inch list for each extra 2-inch length. For shanks longer than regular, but not over 18 inches long, add \$7.50 per dozen to list prices.



Pneumatic Boring Machine Augers

Ship Auger Pattern. Made only to order.

State in ordering whether wanted with or without screw.

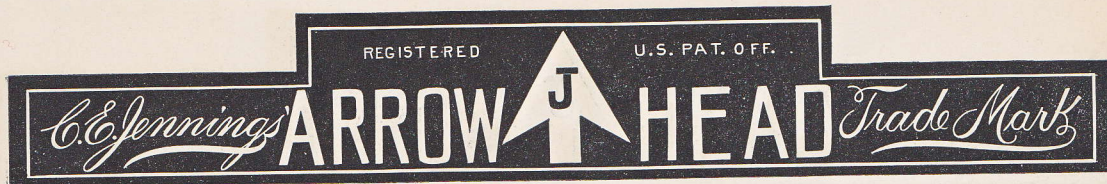


These tools are the very best on the market for use in pneumatic machines. They will stand the hardest usage and will not twist off. They are absolutely guaranteed to give perfect satisfaction. Shanks turned to order. Standard size, $\frac{1}{2}$ "x2".

Sizes			Length of Twist					
			12 to 18 in.	20 in.	22 in.	24 in.	30 in.	36 in.
			22 inch over all	24 inch over all	26 inch over all	28 inch over all	34 inch over all	40 inch over all
4	-8	and under.....per dozen,	\$19.20	\$23.04	\$26.88	\$31.26	\$34.56	\$38.40
4½	-8	"	21.60	25.92	30.24	34.56	38.88	43.20
5	-8	"	24.00	28.80	33.60	38.40	43.20	48.00
5½	-8	"	26.40	31.68	36.96	42.24	47.52	52.80
6	-8	"	28.80	34.56	40.32	46.08	51.84	57.60
6½	-8	"	31.20	37.44	43.68	49.92	56.16	62.40
7	-8	"	33.60	40.32	47.04	53.76	60.48	67.20
7½	-8	"	36.00	43.20	50.40	57.60	64.80	72.00
8	-8	"	38.40	46.08	53.76	61.44	69.12	76.80
8½	-8	"	40.80	48.96	57.12	65.28	73.44	81.60
9	-8	"	43.20	51.84	60.48	69.12	77.76	86.40
9½	-8	"	45.60	54.72	63.84	72.96	82.08	91.20
10	-8	"	48.00	57.60	67.20	76.80	86.40	96.00
10½	-8	"	50.40	60.48	70.56	80.64	90.72	100.80
11	-8	"	52.80	63.36	73.92	84.48	95.04	105.60
11½	-8	"	55.20	66.24	77.28	88.32	99.38	110.40
12	-8	"	57.60	69.12	80.64	92.16	103.68	115.20
12½	-8	"	60.00	72.00	84.00	96.00	108.00	120.00
13	-8	"	62.40	74.88	87.36	99.84	112.32	124.80
13½	-8	"	64.80	77.76	90.72	103.68	116.64	129.60
14	-8	"	67.20	80.64	94.08	107.52	120.96	134.40
14½	-8	"	79.60	93.52	107.44	121.36	135.28	149.20
15	-8	"	82.00	96.40	110.80	125.20	139.60	154.00
15½	-8	"	88.40	103.28	118.16	133.04	147.92	162.80
16	-8	"	90.80	106.16	121.52	136.88	152.24	169.60

These tools are made to order only. They are not kept in stock.

Intermediate sizes take the next higher list. Prices on large augers not listed, quoted on application.



Ship Auger Pattern, Ring Augers

For full description of our L'Hommedieu Ship Augers, see page 33.

In ordering, *be sure* and specify whether wanted *with* or *without* screws. The list is the same.

Illustration of C. E. Jennings' L'Hommedieu Ring Ship Augers with Screw



Sizes above 16-8 made to order only

List with Screws, No. 013, or without Screws, No. 012

Sizes	4-8 inch and under	per dozen, \$11.25	Sizes	14½ and 15-8 inch	per dozen, \$37.65
"	4½ and 5-8 inch	" 12.90	"	15½ " 16-8 "	" 44.80
"	5½ " 6-8 "	" 14.55	"	16½ " 17-8 "	" 62.70
"	6½ " 7-8 "	" 16.20	"	17½ " 18-8 "	" 79.20
"	7½ " 8-8 "	" 17.85	"	18½ " 19-8 "	" 94.60
"	8½ " 9-8 "	" 19.50	"	19½ " 20-8 "	" 111.10
"	9½ " 10-8 "	" 21.15	"	20½ " 21-8 "	" 126.50
"	10½ " 11-8 "	" 22.80	"	21½ " 22-8 "	" 143.00
"	11½ " 12-8 "	" 26.10	"	22½ " 23-8 "	" 158.40
"	12½ " 13-8 "	" 29.40	"	23½ " 24-8 "	" 173.80
"	13½ " 14-8 "	" 33.25	"	29½ " 30-8 "	" 269.50

Sizes 35½ and 36-8ths, per dozen, \$363.00.

In Sets, 29½ quarters, 1 each, 6, 7, 8, 10, 12, 16-8ths (six Augers).....\$12.00 per set.

Illustration of Watrous' Brand Ship Auger Pattern



Illustration of Watrous' Ring Ship Auger with Screw, No. 015

List with Screw, No. 015, or without Screw, No. 014

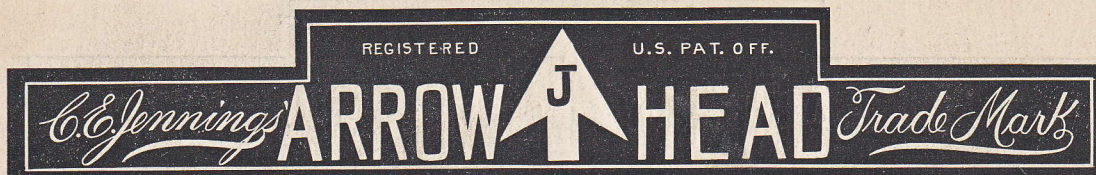
Sizes	4-8 inch and under	per dozen, \$11.25
"	4½ and 5-8 inch	" 12.90
"	5½ " 6-8 "	" 14.55
"	6½ " 7-8 "	" 16.20
"	7½ " 8-8 "	" 17.85
"	8½ " 9-8 "	" 19.50
"	9½ " 10-8 "	" 21.15
"	10½ " 11-8 "	" 22.80
"	11½ " 12-8 "	" 26.10

Sizes above 12-8 made only to order, and furnished only in our C. E. Jennings' L'Hommedieu Brand.

In Sets, 29½ quarters, 1 each, 6, 7, 8, 10, 12, 16-8ths (six Augers).....\$12.00 per set.

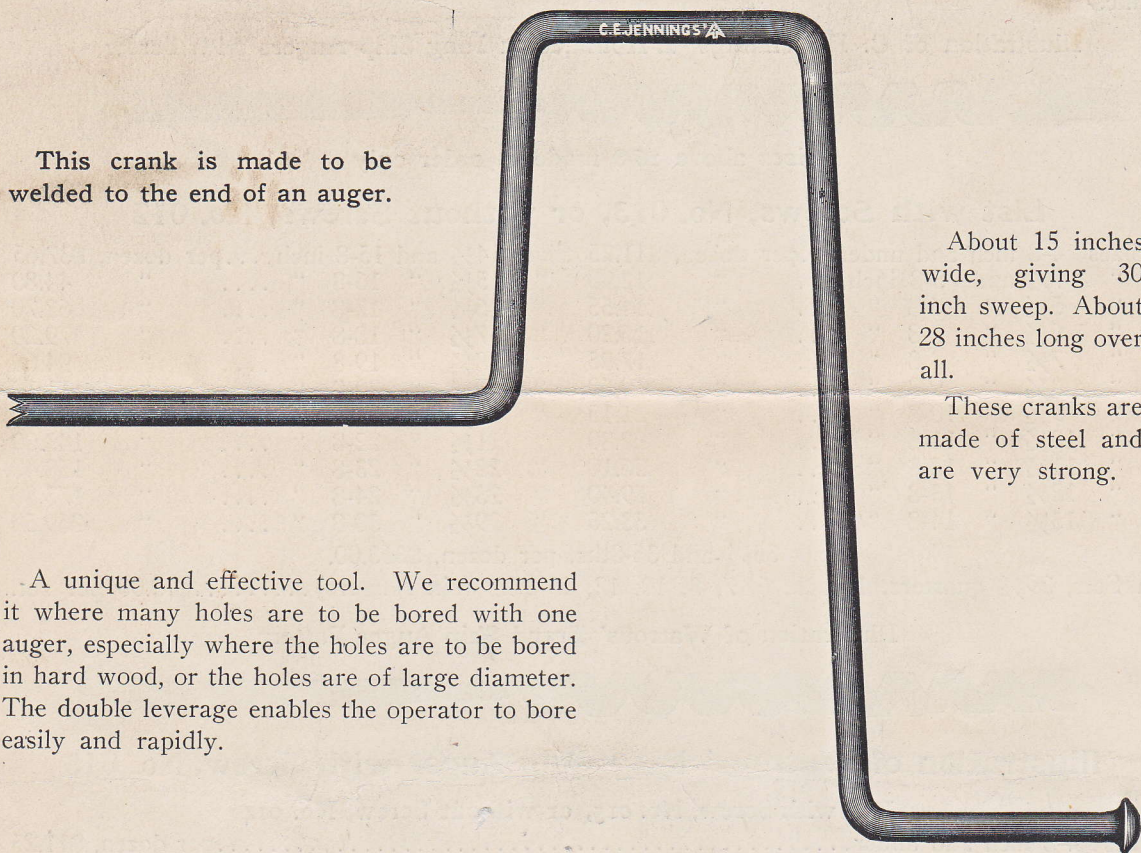
The above Augers are designed especially for boring *hard wood*. In ordering *be particular* to state whether wanted *with* or *without* screws.

Packed one-quarter dozen in package.



Ship Auger Cranks or Double Sweep Braces for Ship Augers

This crank is made to be welded to the end of an auger.



About 15 inches wide, giving 30 inch sweep. About 28 inches long over all.

These cranks are made of steel and are very strong.

A unique and effective tool. We recommend it where many holes are to be bored with one auger, especially where the holes are to be bored in hard wood, or the holes are of large diameter. The double leverage enables the operator to bore easily and rapidly.



Illustration of Auger to the end of which the Crank is welded

Price of Ship Auger Cranks.....per dozen, \$9.00

Put up in packages of one quarter dozen.